

ABSTRACT

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An automated data management system and method for logging, processing, and reporting a large volume of data having different file types, stored on different media, and/or run by different operating systems, includes a first server processor for restoring a plurality of received data files, the data files being capable of being different file types; a file organizing/categorizing processor for organizing the received data files, based on a predetermined user list, into a source directory structure and a destination directory structure; a file logging processor for logging the received data files into a database formed by the source and destination directory structures and identifying a file type of the received data files; a de-duplicate processor for calculating a SHA value of the received data files to determine whether the received data files have duplicates and flagging duplicated data files in the database; an image conversion processor for converting the remaining data files into image files, respectively; and a second server processor for exporting the image files.